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Substitut	e for form 1449/PTO				Complete if Known	
				Application Number	10/559,647	
INFORMATION DISCLOSURE				Filing Date	07/31/2006	
STA	STATEMENT BY APPLICANT			First Named Inventor	Rosanne M. Crooke	
				Art Unit	1635	
	(Use as many she	ets as	necessary)	Examiner Name	Amy Hudson Bowman	
Sheet	1	of	4	Attorney Docket Number	ISPH-0595USA	

Examiner Cite Initials * No.1		Document Number	Dublication Date	Name of Patentee or Applicant of	Denos Columno Lines When Salari	
		Number - Kind Code ² (# known)	Publication Date MM-DD-YYYY	Cited Document	Pages, Columns, Lines, Where Relevar Passages or Relevant Figures Appear	
/AB/	AA	US-5,721,138	02-24-1998	Lawn		
	AB	US-5,866,551	02-02-1999	Benoit et al.		
	AC	US-5,801,154	09-01-1998	Baracchini et al.		
	AD	US-6,008,344	12-28-1999	Bennett et al.		
	AE	US-6,080,580	06-27-2000	Baker et al.		
	AF	US-6,512,161	01-28-2003	Rouy et al.		
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1	Al	US-6,809,193	10-26-2004	McKay et al.		
77	AJ	US-2003/0119766	06-26-2003	Crooke et al.		
	AK	US-2004/0242516	12-02-2004	Crooke et al.		
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Evaminas Cita		Foreign Patent Document	Publication	Name of Patentee or	Pages, Columns, Lines, Where Relevant	
Examiner Cite Initials* No.1	Country Code ³ - Number ⁴ - Kind Code ⁶ (# Innown)	Date MM-DD-YYYY	Applicant of Cited Document	Passages or Relevant Figures Appear	τ°	
/AB/	AL	WO 96/09392 A1	03-28-1996	Ribozyme Pharm.		
1	AM	WO 99/34016 A2	07-08-1999	Genena Ltd.		
	AN	WO 99/35241 A1	07-15-1999	Rhone-Poulenc		
7//	AO	WO 03/014307 A2	02-20-2003	Isis Pharma.		
_ V _	AP	WO 2005/000201 A2	01-06-2005	Isis Pharma.		

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Substitute	for form 1449/	PTO			Complete if Known
INFO		AN DIO	CL OCUPE	Application Number	10/559,647
	INFORMATION DISCLOSURE STATEMENT BY APPLICANT			Filing Date	07/31/2006
STAT				First Named Inventor	Rosanne M. Crooke
				Art Unit	1635
	(Use as man	y sheets as	necessary)	Examiner Name	Amy Hudson Bowman
Sheet	2	of	4	Attorney Docket Number	ISPH-0595USA

· · · · · · · · · · · · · · · · · · ·		NON PATENT LITERATURE DOCUMENTS	,.			
Examiner Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
/AB/	AQ	AGRAWAL, S., "Antisense oligonucleotides: towards clinical trials," <i>TIBTECH</i> (1996) 14:376-387.				
	AR	ANDERSON, L. et al., "A comparison of selected mRNA and protein abundances in human liver," <i>Electrophoresis</i> (1997) 18:533-537.				
	AS	BRAASCH, D. A. et al., "Novel Antisense and Peptide Nucleic Acid Strategies for Controlling Gene Expression," <i>Biochem.</i> (2002) 41(14):4503-4510.				
	AT	BRANCH, A. D., "A good antisense molecule is hard to find," TIBS (1998) 23:45-50.				
	AU	CALLOW, M. J. et al., "Expression of human apolipoprotein B and assembly of lipoprotein (a) in transgenic mice," <i>Proc. Natl. Acad. Sci. USA</i> (1994) 91:2130-2134.				
	AV	CHIESA, G. et al., "Reconstitution of Lipoprotein (a) by Infusion of Human Low Density Lipoprotein into Transgenic Mice Expressing Human Apolipoprotein (a)," J. Biol. Chem. (1992) 267(34):24369-24374.				
	AW	CHIN, A., "On Preparation and Utilization of Isolated and Purified Oligonucleotides," Katherine R. Everett Law Library of the University of North Carolina, March 14, 2002.				
	AX	DEVERRE, JR. et al., "A competitive enzyme hybridization assay for plasma determination of phosphodiester and phosphorothioate antisense oligonucleotides," <i>Nucleic Acids Res.</i> (1997) 25(18):3584-3589.				
	AY	DIAS, N. et al., "Potential roles of antisense oligonucleotides in cancer therapy. The example of bcl-2 antisense oligonucleotides." Eur. J. Pharm. Biopharm. (2002) 54:263-269.				
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	ВА	FRANK, S. et al., "The apolipoprotein(a) gene resides on human chromosome 6q26-27, in close proximity to the homologous gene for plasminogen," Hum. Genet. (1988) 79(4):352-356.				
	ВВ	FRITZ, H. et al., "Cationic Polystyrene Nanoparticles: Preparation and Characterization of a Model Drug Carrier System for Antisense Oligonucleotides," J. Colloid Interface Sci. (1997) 195:272-288.				
V	ВС	GEWIRTZ, A. M. et al., "Facilitating oligonucleotide delivery: Helping antisense deliver on its promise," <i>Proc. Natl. Acad. Sci. USA</i> (1996) 93:3161-3163.				

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Examiner Signature	/Amy Bowman/	Date Considered	05/08/2007	

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Substitute for form 1449/PTO Complete if Known Application Number 10/559,647 INFORMATION DISCLOSURE Filing Date 07/31/2006 STATEMENT BY APPLICANT First Named Inventor Rosanne M. Crooke Art Unit (Use as many sheets as necessary) Examiner Name Amy Hudson Bowman Attorney Docket Number ISPH-0595USA Sheet 3 of 4

		NON PATENT LITERATURE DOCUMENTS				
Examiner Initials * Cite No.1		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
/AB/	BD	GRAINGER, D. J. et al., "Activation of transforming growth factor-β is inhibited in transgenic apolipoprotein(a) mice," <i>Nature</i> (1994) 370:460-462.				
	BE	GREEN, D. W. et al., "Antisense Oligonucleotides: An Evolving Technology for the Modulation of Gene Expression in Human Disease," J. Am. Coll. Surg. (2000) 191:93-105.				
	BF	HAJJAR, K. A. et al., "The Role of Lipoprotein(a) in Atherogenesis and Thrombosis," Annu. Rev. Med. (1996) 47:423-442.				
	BG	JEN, KY. et al., "Suppression of Gene Expression by Targeted Disruption of Messenger RNA: Available Options and Current Strategies," Stem Cells (2000) 18:307-319.				
	вн	KATAN, M. B. et al., "Characteristics of Human Hypo- and Hyperresponders to Dietary Cholesterol," Am. J. Epidemiology (1987) 125(3):387-399.				
	BI	KOSTNER, K. M. et al., "Lipoprotein(a): still an enigma?" Current Opinion in Lipidology (2002) 13:391-396.				
	BJ	LAWN, R. M. et al., "Atherogenesis in transgenic mice expressing human apolipoprotein(a)," Nature (1992) 360:670-672.				
	ВК	MCLEAN, J. W. et al., "cDNA sequence of human apolipoprotein(a) is homologous to plasminogen," <i>Nature</i> (1987) 330:132-137.				
	BL	MILLIGAN, J. F. et al., "Current Concepts in Antisense Drug Design," J. Med. Chem. (1993) 36(14):1923-1927.				
	вм	MORISHITA, R. et al., "Novel Therapeutic Strategy for Atherosclerosis – Ribozyme Oligonucleotides Against Apolipoprotein(a) Selectively Inhibit Apolipoprotein(a) But Not Plasminogen Gene Expression," Circulation (1998) 98:1898-1904.				
	BN	NOWAK-GÖTTL, U. et al., "Lipoprotein (a): Its Role in Childhood Thromboembolism," Pediatrics (1997) 99(6):1-3.				
	во	OHMICHI, T. et al., "The virtues of self-binding: high sequence specificity for RNA cleavage by self-processed hammerhead ribozymes," Nucleic Acids Res. (2000) 28(3):776-783.				
$\overline{\Psi}$	BP	OPALINSKA, J. B. et al., "Nucleic-Acid Therapeutics: Basic Principles and Recent Applications," Nature Reviews Drug Discovery (2002) 1:503-514.				

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Substitu	ite for form 144	9/PTO		Complete If Known		
18154		ION DIG	OL OCUDE	Application Number	10/559,647	
			CLOSURE	Filing Date	07/31/2006	
STA	TEMEN	TBYA	PPLICANT	First Named Inventor	Rosanne M. Crooke	
				Art Unit	1635	
	(Use as ma	any sheets as	necessary)	Examiner Name	Amy Hudson Bowman	
Sheet	4	of	4	Attorney Docket Number	ISPH-0595USA	

	NON PATENT LITERATURE DOCUMENTS				
Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.				
BQ	PROSNYAK, M. I. et al., "Substitution of 2-Aminoadenine and 5-Methylcytosine for Adenine and Cytosine in Hybridization Probes Increases the Sensitivity of DNA Fingerprinting," Genomics (1994) 21:490-494.				
BR	RAINWATER, D. L. et al., "Lipoprotein Lp(a): Effects of Allelic Variation at the LPA Locus," J. Exp. Zoology (1998) 282:54-61.				
BS	SANDKAMP, M. et al., "Lipoprotein(a) is an Independent Risk Factor for Myocardial Infarction at a Young Age," Clin. Chem. (1990) 36(1):20-23.				
вт	SEED, M. et al., "Relation of Scrum Lipoprotein(a) Concentration and Apolipoprotein(a) Phenotype to Coronary Heart Disease in Patients with Familial Hypercholesterolemia," New Engl. J. Med. (1990) 322:1494-1499.				
BU	SKERRA, A., "Phosphorothioate primers improve the amplification of DNA sequences by DNA polymerase with proofreading activity," <i>Nucleic Acids Res.</i> (1992) 20(14):3551-3554.				
BV	TAMM, I. et al., "Antisense therapy in oncology: new hope for an old idea?" The Lancet (2001) 358:489-497.				
BW	VESSBY, B. et al., "Diverging Effects of Cholestyramine on Apolipoprotein B and Lipoprotein Lp(a)," Atherosclerosis (1982) 44:61-71.				
вх	WEINTRAUB, H. M., "Antisense RNA and DNA," Scientific American (1990) 40-46.				
BY	YANG, Y. et al., "Transforming Growth Factor-β1 Inhibits Human Keratinocyte Proliferation by Upregulation of a rEceptor-Type Tyrosine Phosphatase R-PTP-κ Gene Expression," Biochem. Biophys. Res. Commun. (1996) 228:807-812.				
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	BR BS BT BU BW BX	Cite No.¹ Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, city and/or country where published. PROSNYAK, M. I. et al., "Substitution of 2-Aminoadenine and 5-Methylcytosine for Adenine and Cytosine in Hybridization Probes Increases the Sensitivity of DNA Fingerprinting," Genomics (1994) 21:490-494. RAINWATER, D. L. et al., "Lipoprotein Lp(a): Effects of Allelic Variation at the LPA Locus," J. Exp. Zoology (1998) 282:54-61. BS SANDKAMP, M. et al., "Lipoprotein(a) is an Independent Risk Factor for Myocardial Infarction at a Young Age," Clin. Chem. (1990) 36(1):20-23. SEED, M. et al., "Relation of Serum Lipoprotein(a) Concentration and Apolipoprotein(a) Phenotype to Coronary Heart Disease in Patients with Familial Hypercholesterolemia," New Engl. J. Med. (1990) 322:1494-1499. BU SKERRA, A., "Phosphorothioate primers improve the amplification of DNA sequences by DNA polymerase with proofreading activity," Nucleic Acids Res. (1992) 20(14):3551-3554. BV TAMM, I. et al., "Antisense therapy in oncology: new hope for an old idea?" The Lancet (2001) 358:489-497. WEINTRAUB, H. M., "Antisense RNA and DNA," Scientific American (1990) 40-46. YANG, Y. et al., "Transforming Growth Factor-β1 Inhibits Human Keratinocyte Proliferation by Upregulation of a rEceptor-Type Tyrosine Phosphatase R-PTP-κ Gene Expression," Biochem.			

Examiner Signature	/Amy Bowman/	Date Considered	05/08/2007
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